

HIGH-SPEED TELEGRAPHY.

SUCCESSFUL RESULTS OF DELANY'S
MACHINE SYSTEM.

One Thousand Words a Minute Transmitted and Legibly Received.—A
Marvelous Invention.

An experiment of more than usual interest was made in Philadelphia lately by well-known experts to determine the practical value of the new high-speed system of machine telegraphy recently brought out by Patrick B. Delany, by which he proposes to do the mail business by wire instead of by train, and at a cost so low that a very large proportion of business communications between distant cities would be thus transmitted.

This new method is entirely distinct from Mr. Delany's synchronous multiplex telegraph, which is extensively used by the British Postoffice, by which six messages are transmitted simultaneously over a single wire in the same or in opposite directions, each circuit being entirely independent of every other. The multiplex system is worked by hand, each of the six circuits requiring a sending and a receiving operator.

The new system is worked automatically, a punched tape taking the place of the sending operators.

Its great advantage over other systems is that over a single wire as many as 1000 words per minute can be sent between points as far distant from each other as New York and Chicago, while the very best that can be done by other high-speed systems will not exceed 150 a minute.

The test today was the first that has been made over a long line, and was looked forward to with a great deal of interest by the experts. The weather was as unpropitious for such a test as could well be imagined, and the rain was pouring the whole length of the line.

The very first message sent, however, over a line of high resistance, 218 miles long, was received in perfectly legible shape, as was every other sent during the test. The speed, which at first was 720 words a minute, was increased to 940 a minute without any decrease in the legibility.

Mr. Delany stated that with a wire weighing 850 pounds to the mile, which would give a line resistance much less than the one used today, he could send 1000 words a minute with equal legibility and at a cost not exceeding 5 cents for fifty words.

The system is an electro-chemical one, the message being received on a moistened tape, the dots and dashes appearing upon it in dark brown, produced by the action of the current upon the tape. All electro-chemical systems heretofore have failed as high-speed systems, because the dots and dashes would run together so as to be undistinguishable.

If you feel out of sorts, call at the Criterion and try our refreshing Seattle Beer on draught.



FOR SALE BY THE
HOLLISTER DRUG CO., L'D,
Agents for the Hawaiian Islands.

Queen : Street : Store

Grocery Dept.

EVAPORATED FRUITS: PEACHES, PEARS, APRICOTS, PRUNES, APPLES, Etc.

ASSORTED CHUTNEYS, HAMS, QUEEN OLIVES.

MORTON SOUPS:

HOTCH POTCH, VEGETABLE, CHICKEN BROTH, MULLIKATAWNY, OX CHEEK, ETC., ETC.

Tinned Butter, Top o' Can Butter, Whitey Roll Butter, Potted Meats, Boned Turkey, Chicken, Deviled Ham, Lunch Tongues, Boneless Herring, Boston Baked Beans and a complete line of

. . . Breakfast Cereals . . .

Fort : St. : Store, : No. : 10.
Holiday Goods.

Marseilles Quilts, Toilet Quilts.

—: FLUTTER DUCK :—

SILKS AND SURAHS,
Fancy Colored Silks

—AND—

Drapery Silks.

Crepe Grenadines, Real Maltose Lace, Valenciennes Lace, Ladies and Gents Kimberly Gloves, Ladies Cloth Brown, Drab and Grey, Ladies Black Hose, Sanitary Dye, D. P. Corsets, R. and G. Corsets, Equipose Waists and Corsets.

John T. Waterhouse



your home and take delight in working about it in your spare moments, so as to keep everything tidy?

If you do, you ought always to have some of HALL'S COTTAGE PAINTS about the place, as a brushful in time, here and there, now and again, will save the expense of a general painting for a long time.

Hall's Cottage Paint will outlast Lead and Oil Paint mixed by hand, and from its combination and method of manufacture, it is especially adapted to stand the salt atmosphere and for painting in tropical climates. One gallon of Hall's Cottage Paint will cover 600 feet of ordinary hard surface, one coat, and 300 square feet two coats.

This Paint is made of PURE WHITE LEAD, PURE OXIDE OF ZINC, PURE COLORS, PURE LINSEED OIL and DRYERS, all of which are ground under the supervision of a practical painter, with the latest improved mills, mixers, and other labor-saving paint machinery, which thoroughly mix up the raw materials without waste, thus giving to the consumer a PERFECT PAINT, which cannot be surpassed for durability and appearance.

We have these paints in 24 shades, and they are put up in gallon, half gallon, quart and one pound tins.

Our Navy Floor and Deck Paint is the proper thing to use on your floors. A floor to wear well, and look well, must harden through from foundation to surface. Therefore, insist on Navy Floor and Deck Paint being used, and you will never regret it. To be had in ten different shades.

Call and get, or write for a color card of the Best mixed house and floor paints to be had in the city.

E. O. HALL & SON.



All Shoes Up to Date

—AT THE—

Manufacturers' Shoe Co.'s
BIG STORE ON FORT STREET.

P. O. Box 480. **FOUND** TELEPHONE 245
MUTUAL
THE CHEAPEST PLACE ON THE ISLANDS TO
Buy New & Second-Hand
FURNITURE.
.....IS AT THE.....
IXL Honolulu
CORNER OF
King & Nuuanu Sts. H. I.

Oysters.

Spawning Season over.
Quarantine at an end.
Fresh Hawaiian Oysters
from Pearl Harbor can
now be had every day by
ordering them from the
Grocery Store of

124-11 H. E. MCINTYRE & BRO

THE "ARLINGTON"

A FAMILY HOTEL.
T. Krouse, Prop.
Per Day \$ 2.00
Per Week 12.00
Special Monthly Rates!
The Best of Attendance, the Best Situation and the Finest Meals in this City

ALLEN & ROBINSON.

Dealers in Lumber and Coal
and Building Materials of all
kinds.
Queen Street, Honolulu.

TO WAIANAE.



SATURDAYS

—AND—
. . . . SUNDAYS.

Trains will leave on Saturdays at 9:15 a.m. and 1:45 p.m., arriving in Honolulu at 11:11 p.m. and 5:26 p.m.
Train will leave on Sundays at 9:15 a.m., arriving in Honolulu at 5:26 p.m.

ROUND TRIP TICKETS:

1st Class, \$1 75
2nd Class, 1 25

F. C. Smith,

132-3m Gen'l Pass. and Ticket Agent.

INTERNATIONAL IRON WORKS

BRONZE BRASS, AND IRON
CASTINGS, MACHINERY
made and repaired.

Particular attention paid to
SHIPS, BLACKSMITHING.

F. E. LYNN,

124-11 Queen St.

Castle & Cooke
(LIMITED)

IMPORTERS,

Hardware
and
Commission
Merchants,

General Merchandise

Agricultural
Implements
and
Plantation
Supplies.

Crescent BICYCLES

12 Reasons Why it's Best to Buy a Crescent

1. Crescents are leaders
2. Crescents are guaranteed
3. Crescents are strong and durable
4. Crescents are perfect in every detail
5. Crescents are light and easy running
6. Crescent riders are proud of their wheels
7. Crescent buyers get their money's worth
8. Crescents are built by skilled workmen
9. Crescents are made by a responsible concern
10. Crescents are high-grade and up-to-date
11. Crescents are handsome in design and finish
12. Crescent prices are right and suit the public

Illustrated Catalogue FREE on Application.

CHICAGO. WESTERN WHEEL WORKS, NEW YORK.

H. Hackfeld & Co,

Sole Agents,